



MEETING NOTES

Type of Meeting:	Weekly Construction Progress Meeting
Project Name:	EMJ Early Action Removal Action
Anchor Project #:	080224-01.02
Meeting Location:	Pacific Pile & Marine Trailer at JFC Facility

Date	Start	End	Meeting Led By:	Mike Roberts
9/10/14	10:00 am	10:30 am	Meeting Note-Taker:	Mike Roberts

Attendees: All attendees listed will receive a copy of the meeting notes.

Farallon	Anchor QEA	Pacific Pile & Marine (PPM)	EPA / USACE
<input checked="" type="checkbox"/> Amy Essig Desai	<input checked="" type="checkbox"/> Mike Roberts	<input checked="" type="checkbox"/> Wilbur JC Clark	<input checked="" type="checkbox"/> Becky Chu (EPA) (t)
<input checked="" type="checkbox"/> Rich McManus (t)	<input checked="" type="checkbox"/> Ryan Barth	<input checked="" type="checkbox"/> Marty Locke	<input checked="" type="checkbox"/> Erika Hoffman (EPA) (t)
<input type="checkbox"/>	<input type="checkbox"/> David Templeton	<input type="checkbox"/>	<input type="checkbox"/> Karen Keeley (EPA)
<input type="checkbox"/>	<input checked="" type="checkbox"/> Elizabeth Appy (t)	<input type="checkbox"/>	<input type="checkbox"/> Rob Wilkins (USACE)
<input type="checkbox"/>	<input type="checkbox"/> Bruce McDonald	<input type="checkbox"/>	<input type="checkbox"/> David Clark (USACE)
	<input checked="" type="checkbox"/> Ross Pickering (t)		
	<input type="checkbox"/> Kyle King		

(t): Participated by telephone

Discussion:

Summary of Work Elements

A look ahead schedule was provided by PPM, and is attached to these meeting notes. Following is a review of the schedule and subject matter to the specific areas of the project. Placement of armor stone is shown completing on September 11. Substantial completion will follow completion of physical work. A change order will be prepared to extend the completion date from the 6th to the 13th. Items that are not covered by substantial completion, but need to be completed prior to physical completion include: Site demobilization, demobilization of the WTB, transload facility, installation of the Jorgensen fence. Physical completion is shown as 10/1/14.

1. Shoreline Bank Excavation

- Complete

2. Transload facility at PPM yard.

- Demolition of the transload facility is scheduled for completion on October 1.

3. In-water Backfill Placement

- Backfill to be complete on September 11. Barge being loaded now with backfill material, and will work with high tide today for placement.

4. Shoreline containment

- Filter material is complete.
- Rip rap placement continues and is scheduled for completion on September 11. Armor placement today and tomorrow
- TerraSond will perform a survey tomorrow in the morning and provide results by 7:00 pm on 9/11.
- On Friday, September 12, PPM will place habitat substrate with the EX 1200 on the Web barge for the approximate 1,100 tons of material. PPM indicates that this material will go in fast and no survey is required following this work.

5. General Demobilization

- Office trailers to be hauled off on September 15. All PPM equipment and gear will be offsite by September 16 or 17. The fencing subcontractor is tentatively scheduled to start September 17.
- Wheel wash water will go to US Ecology, and is approved by EPA.

6. Water Treatment Barge

- a. PPM work plan is approved by EPA for the disposal of the sand filter and GAC filter media. PPM to pull the GAC and the sand media and take to Columbia Ridge. A vactor truck will be used to remove the media.
- b. Water will go to US ecology that is in wheel wash and tank.
- c. The PPM transload area is open until the water treatment barge is cleaned up.

7. Water Quality.

- a. Last week we discussed the August 12th Total PCBs water chemistry results, which indicated that the 1 hour average concentration was higher than the chronic criterion. This result triggered additional analyses of the 300 foot compliance samples from August 11th to determine a partial 24 hour average concentration to compare to the chronic criterion. The results from August 11th were received and the partial 24-hour average concentration is below the Total PCBs chronic criterion, so the potential exceedance was NOT confirmed. Based on all results received, there were no confirmed exceedances of water chemistry criteria attributed to dredging.
- b. Received the preliminary PAHs and PCBs results from the sample collected from the sheen during coffer dam sheetpile removal on August 29th. PAHs were all non detects and Total PCBs were above chronic criterion. Additional documentation will be sent to EPA once all data has been received.
- c. Z layer sample results status. Just getting information in from the lab on z layer results, which we will turn around in the next couple of days.

8. Change Orders.

- a. Change Order 4. Over-excavation and associated backfill . No survey information provided.
- b. Change Order 5. Extension of contract time for substantial completion from 9/6 to 9/13.

9. Progress payment

- a. PPM has submitted progress payment 4, and is being reviewed by AQ. To be transmitted to Farallon today.

10. Fence installation and site restoration

- a. PPM to review with fence sub and Miles tomorrow (9/11).

11. EPA Pre-Final inspection

- a. EPA and Farallon to coordinate on the date for the pre final inspection. This is tentatively set for some time in October.

Action Items:

Item	Description	Due by	BIC
1	Provide survey showing volume of over excavation and backfill placement	9/3/14	PPM
2	Review layout of fencing with Miles prior to installation	9/15/14	AQ
3	Prepare change order for time extension	9/15/14	AQ
4	Conduct pre-final inspection with EPA	10/1/14	Farallon
5	Report on findings from Z layer sampling	9/16/14	AQ

ID	Task Name	Duration	Start	Finish	'14						Sep 7, '14					Sep 14, '14					Sep 21, '14					Sep 28, '14								
					M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S			
1	Jorgensen Forge Early Action Project	41.2 days?	Tue 7/22/14	Wed 10/1/14																														
2	Upland Excavation Acitivities	22.5 days	Fri 8/1/14	Tue 8/26/14																														
3	Bank excavation, demo, and debris removal	19 days	Fri 8/1/14	Sat 8/23/14																														
4	Transload bank soil	13 days	Sat 8/9/14	Mon 8/25/14																														
5	Remove USSA and decontaminate site	4.4 days	Fri 8/22/14	Tue 8/26/14																														
6																																		
7	Dredging	62.5 days?	Tue 7/22/14	Wed 10/1/14																														
8	Dredge DMU1	8 days	Tue 7/22/14	Wed 7/30/14																														
9	Perform Post Dredge Survey of DMU1	0 days	Thu 7/31/14	Thu 7/31/14																														
10	Dredge DMU2	8.9 days	Thu 7/31/14	Sat 8/9/14																														
11	Perform Post Dredge Survey of DMU2	0 days	Sat 8/9/14	Sat 8/9/14																														
12	Place Backfill in DMU1	1 day	Sun 8/10/14	Mon 8/11/14																														
13	Dredege DMU3	3 days	Mon 8/11/14	Thu 8/14/14																														
14	Perform Post Dredge Survey of DMU3	0 days	Thu 8/14/14	Thu 8/14/14																														
15	Place Interim Backfill in DMU2	0.5 days	Fri 8/15/14	Fri 8/15/14																														
16	Place Interim Backfill in DMU3	1 day	Sun 8/17/14	Mon 8/18/14																														
17	Dredge DMU4	4 days	Thu 8/14/14	Thu 8/21/14																														
18	Perform Post Dredge Survey of DMU4	0 days	Thu 8/21/14	Thu 8/21/14																														
19	Place Interim Backfill in DMU4	1 day	Sun 8/24/14	Mon 8/25/14																														
20	Dredge DMU5	4 days	Sat 8/23/14	Wed 8/27/14																														
21	Perform Post Dredge Survey of DMU5	0 days	Thu 8/28/14	Thu 8/28/14																														
22	Place Interim Backfill in DMU5	1 day	Thu 8/28/14	Fri 8/29/14																														
23	Remove Schedule A Cofferdam	2 days	Thu 8/28/14	Tue 9/2/14																														
24	Treat and discharge Dredge Water	23 days	Tue 7/22/14	Thu 8/28/14																														
25	Transload and dispose of Dredge Sediment	23.2 days	Tue 7/22/14	Thu 8/28/14																														
26	Final Backfill	10 days	Fri 8/29/14	Thu 9/11/14																														
27																																		
28	Shoreline Containment	9.3 days	Tue 8/26/14	Fri 9/12/14																														
29	Place Filter Material	6 days	Tue 8/26/14	Wed 9/3/14																														
30	Place Armor Stone	7 days	Wed 9/3/14	Thu 9/11/14																														
31	Place Habitat Substrate	0.5 days	Fri 9/12/14	Fri 9/12/14																														
32																																		
33	Demob	10.3 days	Fri 9/12/14	Wed 10/1/14																														
34	Decon WTS	2 days	Mon 9/15/14	Wed 9/17/14																														
35	Remove and demob WTS	5 days	Wed 9/17/14	Thu 9/25/14																														
36	Remove and dispose of Transload Area	3 days	Thu 9/25/14	Wed 10/1/14																														
37	Demob upland offices	1 day	Mon 9/15/14	Tue 9/16/14																														
38	Demob upland equipment	3 days	Tue 9/16/14	Fri 9/19/14																														
39	Demob inwater equipment	0 days	Sat 9/13/14	Sat 9/13/14																														
40	Completion of in-water work	0 days	Fri 9/12/14	Fri 9/12/14																														
41	Install pernament fencing	5 days	Wed 9/17/14	Thu 9/25/14																														
Project: 070814- 3week look ahea Date: Wed 9/10/14		Task		Summary		External Milestone		Inactive Summary		Manual Summary Rollup		Finish-only																						
		Split		Project Summary		Inactive Task		Manual Task		Manual Summary		Deadline																						
		Milestone		External Tasks		Inactive Milestone		Duration-only		Start-only		Progress																						
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